

Exterior Building Color & Material Samples
Color Drawdowns
Archaeological Resources
Airport Vicinity Development Checklist
Parking Study
Trip Generation Comparison
Parking Master Plan



SCOTTSDALE AIRPORT VICINITY DEVELOPMENT SHORT FORM

FILE COPY

For development projects within 20,000 feet of Scottsdale Airport NOT located on an Airpark taxilane or adjacent to airport property

The owner of developments within the Airport Influence Area shall complete forms required by the City and Scottsdale Airport to comply with the Scottsdale Revised Code, Chapter 5 – Aviation and the Airpark Rules and Regulations; and submit the completed forms with final plans to the assigned city project manager.

Project Name: McDowell Mtn. Community Storage	Pre-App: 93-PA-2018
Site Address: 10101 E. McDOWELL MOUNTAIN RANCH ROAD	
Contact name: MIKE LEARY	Phone: 480.991.1111

1. HEIGHT ANALYSIS, CH. 5, SEC. 5-354. GENERAL REQUIREMENTS

☒ Applicants must conduct a height analysis for all projects located within 20,000 feet of Scottsdale Airport.

1. Complete a height analysis for all structures, appurtenances or construction equipment through the FAA at: <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>, click on the Notice Criteria Tool (left side). If you do not exceed criteria, submit this FAA response from the website with your packet or you must complete step 2.

IF required by FAA, complete Step 2

2. Submit an FAA form 7460-1 Notice of Proposed Construction or Alteration for review and determination. Please allow about 45 days for this process. A copy of the FAA's response will be required prior to final plan approval.

2. AIRCRAFT NOISE AND OVERFLIGHT DISCLOSURE, CH. 5, SEC. 5-356 & SECT. 5-357

☐ Incorporate the Airport Disclosure for Development around Scottsdale Airport language into the CC&Rs or other procedural documents and provide a copy. *Exhibit A*

☐ An aviation easement will need to be granted to the city. If not already recorded for property, submit a notarized Aviation Easement form with packet to your project manager. *Exhibit B*

to be completed upon closing of property

23-ZN-2018
11/9/2018

3. APPLICANT'S SIGNATURE

Signature:

Michael P. Conner

Date:

11-9-13

Aviation Approval:

Date:

Comments:

For questions regarding this form or aviation-related requirements, contact Scottsdale Airport at 480-312-2321.



RE: McDowell Mountain Community Storage - Airport Vicinity Analysis

Koester, Mark

Thu 11/8/2018 5:35 PM

To:mike leary <yrael@hotmail.com>;

Cc:Harvey, Bill (Phoenix) <bill.harvey@stantec.com>; Simpson, David (Phoenix) <David.Simpson@stantec.com>;

Importance: High

📎 2 attachments (6 MB)

McDowell Mtn Community Storage - FAA Action Plan.pdf; McDowell Mtn Community Storage - Part 77 Figures.pdf;

Mike,

We have completed the airspace review for The Bell Group, LLC., as requested. Attached are the results of that review.

You or your client will need to fill out the Scottsdale Airport Vicinity Development – Short Form. The Height Analysis under item 1 is the work we have completed for you. We utilized the Notice Criteria Tool on the FAA site and generated the attached report and action plan.

The FAA will require filing of a 7460-1, (see highlighted on the action plan). I recommend waiting until the Scottsdale Short Form has been submitted first, and then follow up with the filing of the 7460-1 shortly after. Information that is needed for the filing is:

1. Contact for Notice (Sponsor for off airport) - This could be a point of contact here at Stantec, someone from The Bell Group, or you.
2. Date and duration of proposed construction.
3. Sketch(s) – Some of the ones sent in this correspondence.

The net result of our analysis is that there should be no issue with the plan from an airspace perspective. The building is clear of the Part 77 surfaces by 118 feet worst case.

Let me know how you wish to proceed on the filing with FAA. We can certainly do it anytime with a couple of days' notice. Call with questions.

Regards,

Mark T. Koester, P.E.

Principal
Stantec



McDowell Mountain Community Storage 7460-1 Exhibit

PRELIMINARY SITE RENDERING 10.26.18

Federal Aviation
Administration

« OE/AAA

Notice Criteria Tool

Notice Criteria Tool - Desk Reference Guide V_2014.2.0

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors: height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference [CFR Title 14 Part 77.9](#).

You must file with the FAA at least 45 days prior to construction if:

- your structure will exceed 200ft above ground level
- your structure will be in proximity to an airport and will exceed the slope ratio
- your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...) and once adjusted upward with the appropriate vertical distance would exceed a standard of 77.9(a) or (b)
- your structure will emit frequencies, and does not meet the conditions of the [FAA Co-location Policy](#)
- your structure will be in an instrument approach area and might exceed part 77 Subpart C
- your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception
- your structure will be on an airport or heliport
- filing has been requested by the FAA

If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the [Air Traffic Areas of Responsibility map](#) for Off Airport construction, or contact the [FAA Airports Region / District Office](#) for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.

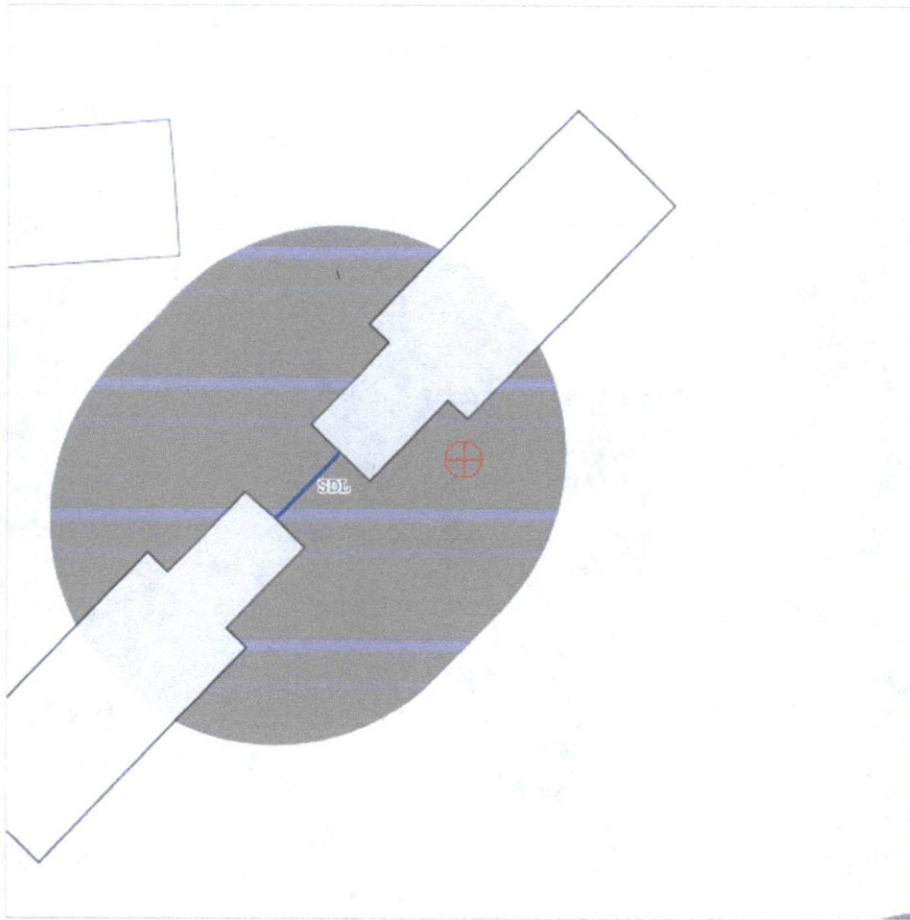
Latitude:	<input type="text" value="33"/> Deg <input type="text" value="37"/> M <input type="text" value="45.17"/> S <input type="text" value="N"/>
Longitude:	<input type="text" value="111"/> Deg <input type="text" value="51"/> M <input type="text" value="54.37"/> S <input type="text" value="W"/>
Horizontal Datum:	<input type="text" value="NAD83"/>
Site Elevation (SE):	<input type="text" value="1547"/> (nearest foot)
Structure Height :	<input type="text" value="36"/> (nearest foot)
Traverseway:	<input type="text" value="No Traverseway"/>
	(Additional height is added to certain structures under 77.9(c)) User can increase the default height adjustment for Traverseway, Private Roadway and Waterway
Is structure on airport:	<input checked="" type="radio"/> No <input type="radio"/> Yes

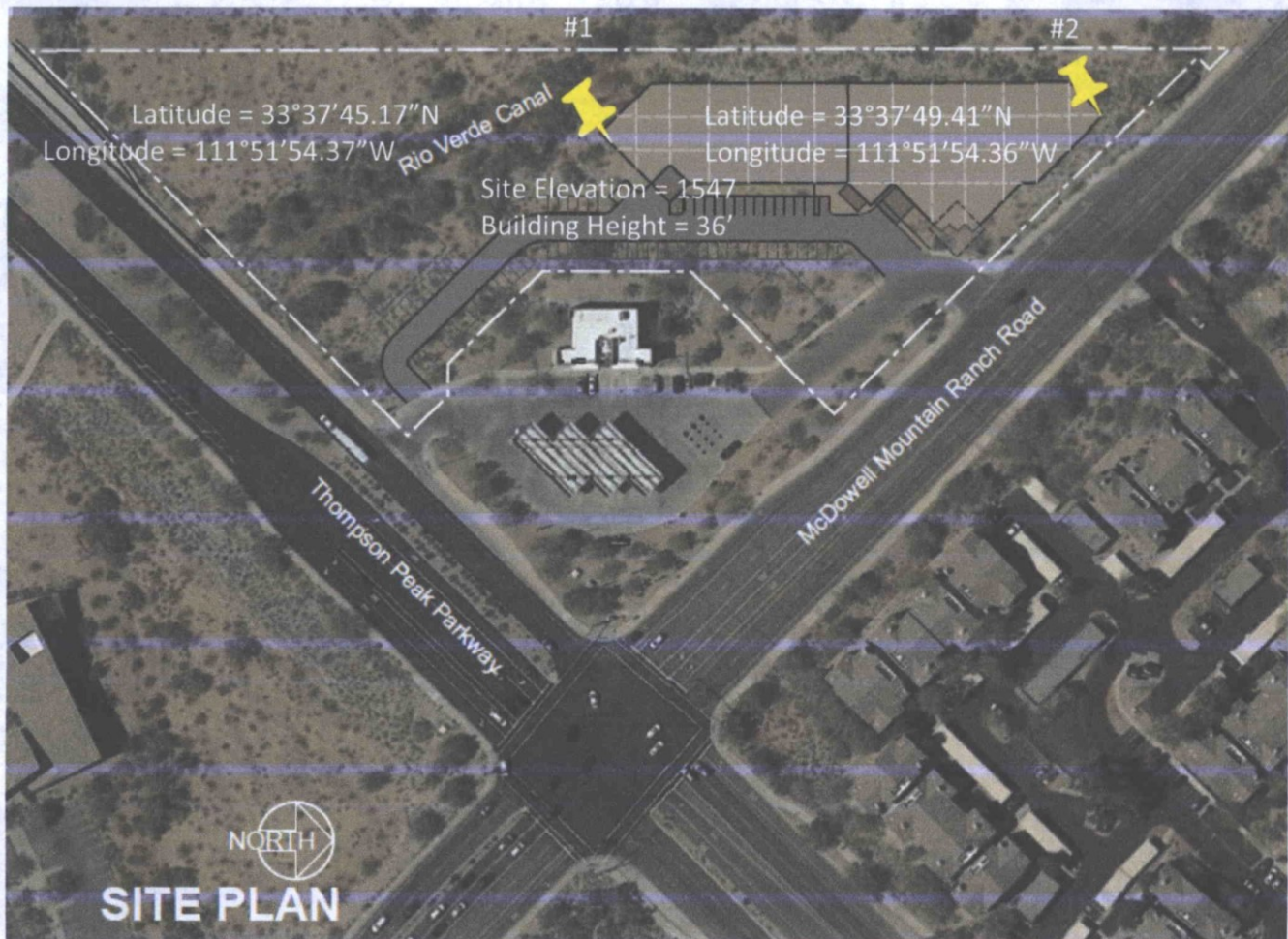
Results

You exceed the following Notice Criteria:

Your proposed structure is in proximity to a navigation facility and may impact the assurance of navigation signal reception. The FAA, in accordance with 77.9, requests that you file.

The FAA requests that you file





McDowell Mountain Community Storage 7460-1 Exhibit
Scottsdale, Arizona

PRELIMINARY SITE RENDERING 10.26.18



Airspace Parameters

Airport Elev= 1510.3
Horizontal Surface Elev = 1660.3
Begin Conical Surface Dist.= 10,000
Part 77 Conical Surface Slope 20

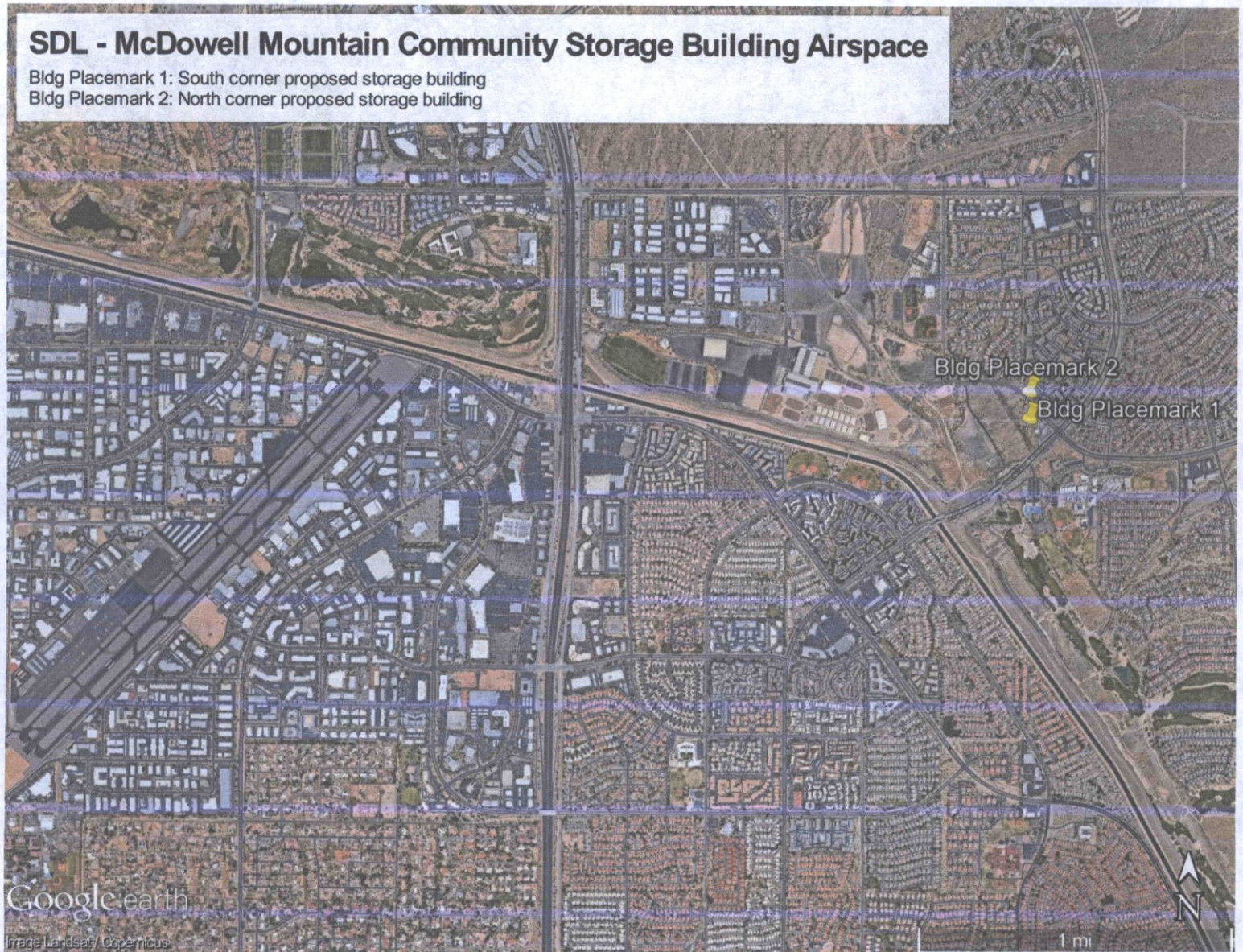
	Dist. From Rwy CL (Ft)	Finished Floor Elev	Maximum Structure Elev	Part 77 Conical Elev	Part 77 Conical Clearance
McDowell Mountain Community Storage Building - Placemark 1	10,855	1547	1583	1703.1	120.1
McDowell Mountain Community Storage Building - Placemark 2	10,820	1547	1583	1701.3	118.3

Note: Proposed Structure Elevations and Positions provided by Client.

SDL - McDowell Mountain Community Storage Building Airspace

Bldg Placemark 1: South corner proposed storage building

Bldg Placemark 2: North corner proposed storage building



SDL - McDowell Mountain Community Storage Building Airspace

Bldg Placemark 1: South corner proposed storage building

Bldg Placemark 2: North corner proposed storage building

